

NUCLEAR DIVISION NEWS

a newspaper for employees of the nuclear division • union carbide corporation

UNION
CARBIDE

Vol. 9/No. 24 November 23, 1978

Your turn

'Thankful I can still cut the mustard!' (...and turkey)

With the beginning of the holiday season now upon us, life is about to get hectic—but the long Thanksgiving weekend allows us some time for reflection before the shopping, wrapping and partying begin in earnest. Our "roving reporter" this issue has polled a sampling of employees to get a feel for weekend plans and thoughts on thankfulness:

John Loy of ORNL's Plant and Equipment Division and his wife, Dorothy, are excited that their daughter, Martha, is coming from Charlotte to share Thanksgiving with them. Loy feels he is particularly lucky that after 35 years of company service, he is "still able to cut the mustard."

Betty D. Ward, General Shops, Y-12, plans to spend the holidays with family...both local and visiting, as two sisters are joining the group, one from Florida and another from Michigan. "Life, health and freedom...in that order," are the many things she is grateful to share with her family.

Jagdish Narayan, Solid State Division at ORNL, plans to travel with his family to Boston (Martha's Vineyard) during his holiday. He and his family (wife, Ratna, and son, Roger) appreciate all the good things that happened to them in the last year—especially maintaining good health.

Marlene Houser, PGDP, says: "Like so many other people, I have so many things to be thankful for that it is difficult to know just where to start. I am thankful for my health, my family, my friends, more material possessions than I probably need or deserve, and for life in general with all its pleasures and all its problems. However, the one thing that I am especially thankful for is that after weeks of harassing my captain and others, I finally received the four golf balls that I won in one of the Carbide Scrabbles. (It's just the simple things that make me happy!)"

Marcia Chandler, a member of the Central Management Offices at ORNL, plans a traditional

Thanksgiving dinner at her parents in Knoxville. "Tradition at Mom's house includes the trying of one new recipe...I personally prefer sticking with the 'tried and true.'" Chandler enjoys health, job, children, and dear and loving parents.

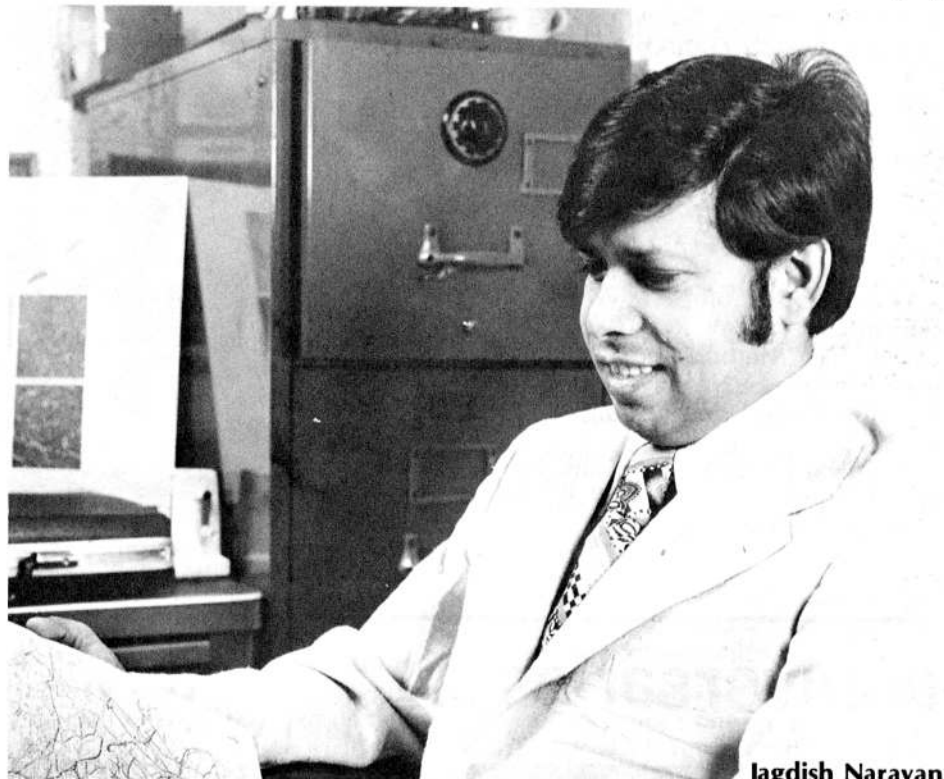
Terry L. Taylor, a truck driver in ORGDP's Maintenance Division, is thankful for being healthy and having a healthy family. "These things are about as good as anyone could ask for," said Taylor. He plans to fish a few days and he and his wife, Gail, will have Thanksgiving dinner with his grandparents.

Lester Terry, an electrician in ORGDP's Maintenance Division, has a rather leisurely day planned. He'll be watching the parades and football games on television. He is also planning to hunt one day. Like Taylor, Terry also is thankful for being healthy and having a healthy family.

"A lot of things to be grateful for," says **Loyd S. Sheffield**, Y-12 Security Department, "I guess as you get older, health is one of the prime things you have to be thankful for, and I am, indeed, grateful that my family and I enjoy good health." The Sheffields plan a quiet dinner at home—with daughter, Leslie, who teaches school in Newport, and is home for the holidays.

Stephen Morgan of the Paducah Plant is "thankful for being a member of a close-knit family. As the holiday season approaches, family togetherness is emphasized and is totally enjoyable."

(Please turn to page 5)



Jagdish Narayan



Polly Doughty

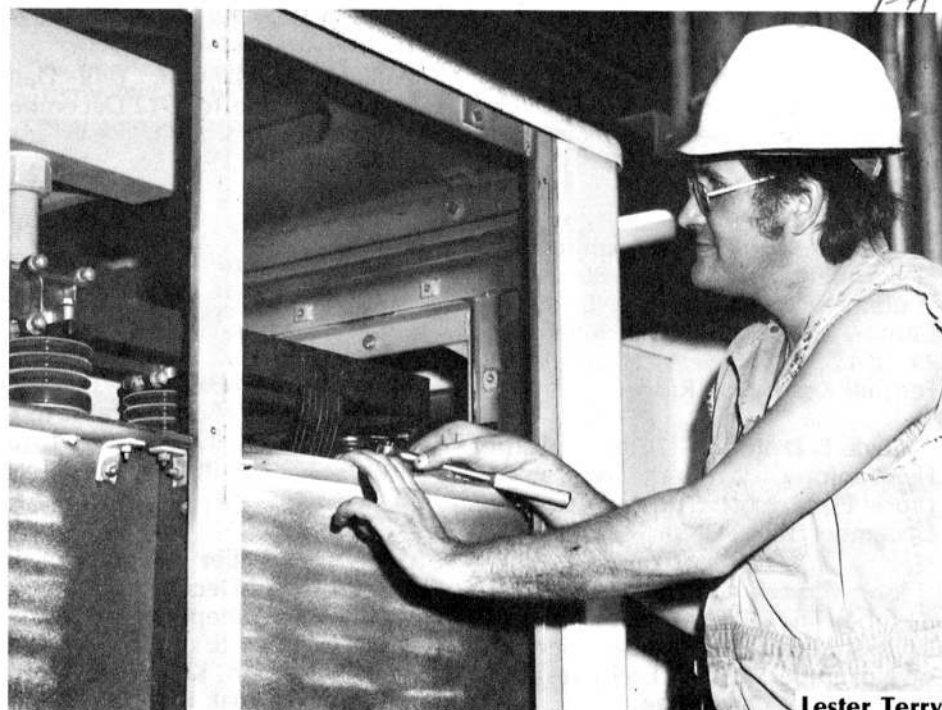
In this issue. . . .

Latest in the **Nuclear Division News'** series on the activities of retirees is the saga of Ernie Griggs, now retired from ORNL's Metals and Ceramics Division. Griggs shares with us some sound practices for "year-round" gardeners; his story is on pages 4 and 5.

If **you're** a retiree with an interesting hobby or second career, we'd like you to share with us, too. Write or call the editor, or contact any of the four plant representatives listed on the masthead in each issue.

Other features in this issue:

- 28-year car pool begins to disbandpage 2
- Carlsmith to new energy postpage 3
- Dr. Lincoln on "Mediterranean Fever"page 7
- More on the new phone systempage 8



Lester Terry

28-year car pool rolls to a halt with retirements...

One of the oldest car pools in Y-12 has begun to break up as retirements start. For 28 years, most of the six have been riding together from Harriman to East Portal. They are John D. Campbell, kneeling, and from left, Nevil Bush and Glen A. Tedder (both retired recently) Edward H. Steelman, Ed Erickson and K.D. Smith. "We don't argue much, but when one of us is out, we talk about him," one of the poolers joked. Smith, or "Yardbird" as everyone knows him, admits he sleeps a lot in the ancient car pool.



patents granted...

To Robert N. Compton, William R. Garrett and Paul W. Reinhardt, all of ORNL, for "Method and Apparatus for Providing Negative Ions of Actinide-Metal Hexafluorides."

To Edward Luttrell, Y-12, and Paul W. Turner, former Y-12er, for "Electric Arc Welding Gun."

NUCLEAR DIVISION NEWS

UNION CARBIDE CORPORATION
NUCLEAR DIVISION
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PADUCAH

Darlene Mazzone, Bell 208



Member,
INTERNATIONAL
ASSOCIATION
OF BUSINESS
COMMUNICATORS

anniversaries...



Barnett



Blevins



Dalton



Ezell



Harman



Hatmaker



Humphrys



Keller



Minge



Orr



Shacter



Silverman

35 YEARS

Clarence F. Barnett, research and development group leader in ORNL's Physics Division, began his company service on December 18, 1943. He lives at Rt. 4, Lenoir City.

William A. Blevins, Fabrication Department head in the Plant and Equipment Division at ORNL, joined Clinton Laboratories on November 29, 1943. Blevins lives at 305 West Fernhill Road, Oak Ridge.

Clyde E. Dalton, Y-12 Electrical and Electronics Department, lives at 21 Laurel Place, Norris. He came to Y-12 December 17, 1943.

John C. Ezell, a development staff member in ORNL's Fusion Energy Division, began his company service on November 22, 1943. Ezell lives at 82 Outer Drive, Oak Ridge.

William D. Harman, Y-12 Plant Laboratory, came to Y-12 December 20, 1943. He lives at 117 Park Lane, Oak Ridge.

John D. Hatmaker, Y-12 Maintenance Division, joined the Y-12 Plant December 16, 1943. He lives in Andersonville, Tenn.

Shirley B. Humphrys, Y-12 Materials Delivery Service, came to Y-12 December 3, 1943. She lives at Route 22, Heatherbrook Drive, Knoxville.

George E. Keller joined Clinton Laboratories on December 31, 1943. He is chief store keeper of electronics stores in ORNL's Finance and Materials Division. Keller lives at 159 Johnson Road, Oak Ridge.

Willie S. Minge, Y-12 Alpha Five West Shop, lives at Route 18, Ball Camp Pike, Knoxville. He came to Y-12 November 29, 1943.

Porter B. Orr Jr., a development engineer in ORNL's Chemical Technology Division, joined Clinton Laboratories on December 18, 1943. Orr lives at 4307 Crosby Road, Knoxville.

John Shacter, Operations Analysis and Planning Administration, joined the Manhattan Project December 27, 1943. He lives at 107 Westoverlook Drive, Oak Ridge.

Meyer D. Silverman, research staff member in the Engineering Technology Division at ORNL, began his company service on December 18, 1943. He lives at 397 East Drive, Oak Ridge.

Y-12 PLANT 25 YEARS

Horace Ramsey, Alton G. Newman, Spencer A. McSpadden, William A. Smith, Chester H. Edwards, James L. Hicks and George S. Weaver.

ORGDP 25 YEARS

Raymond S. Hensley, Charles A. Sparks and Willard J. Moore.

ORNL 30 YEARS

Howard F. Raby, Environmental Sciences.

25 YEARS

Thomas C. Tucker, Martin D. Medved, Robert L. Livesey and Carolyn B. Coleman.

20 YEARS

Thurman B. Anderson, Jess W. Raper, James E. Bentley, Nat D. Morrell, Wilby A. Plunkett and Ophylene C. Cantrell.

ORNL Credit Union seeks nominees for board, credit committee

A nominating committee has been appointed by the ORNL Credit Union Board to seek candidates for election to both the board and credit committee.

Persons interested in serving as an unpaid volunteer official should contact a member of the committee before the December 18 deadline. Members of the nominating committee are: chairman, Paul W. Hill, extension 3-1651; James T. Atherton, 3-1402; Sandy S. Beidel, 3-6836; and O.H. Sharp, 3-1108.

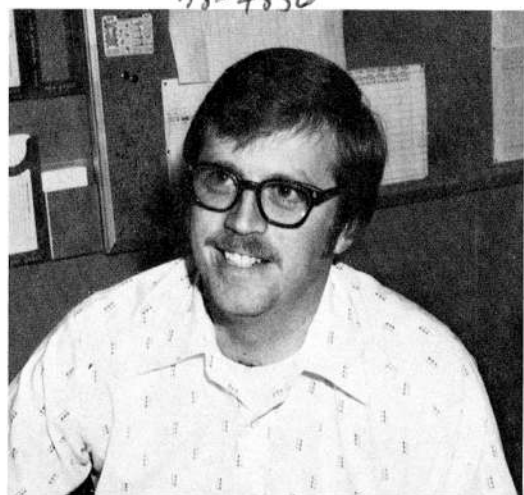
Candidates are asked to submit a biographical sketch and a brief explanation of their interest in serving the credit union.

Election of officers will be held at the annual meeting on February 1.

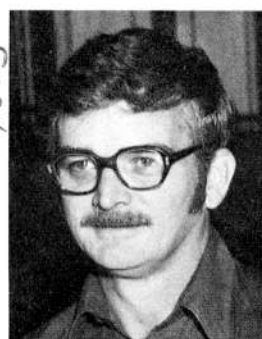
Four promotions at ORGDP



Blair



Pritchard



Sumner



Smarsh

Four promotions have been announced in the Maintenance Division at ORGDP. Edgar G. Blair has been named a maintenance supervisor; Homer T. Sumner has been named a relief supervisor; Edward W. Pritchard has been named

an instrument/electrical supervisor and John Smarsh has been named a supervisor.

Blair, a Lenoir City native, joined the Nuclear Division 15 years ago at ORNL. He transferred to ORGDP in 1972.

Blair and his wife, Mary, who works in the Finance, Materials and Services Division at ORGDP, live at 7829 Widdecombe Road, Powell. They have three children, Traci, Greg and Jimmy.

Sumner joined ORGDP 17 years ago. The Jellico native and his wife, Phyllis, live at 292 Illinois Avenue, Oak Ridge. They have three sons, Thomas, Donald and David.

A Nuclear Division employee for 11 years, Pritchard was an engineering technologist before his promotion. The Cincinnati, Ohio, native has been at ORGDP since 1973.

Pritchard and his wife, Catherine, live at 7405 Oxmoor Road, Karns. They have two children, Amy and Erin.

Smarsh, a native of Lansing, has been with the Nuclear Division for six months. He and his wife, Sarah, live in Wartburg. They have four children, John Jr., David, Joseph and Patricia.

division death...

William T. Cagle, a truck driver in the Plant and Equipment Division, ORNL, died November 11 at his home. He had been with the Nuclear Division nine years.



Mr. Cagle

Survivors include his wife, Ann J. Cagle, Route 7, Box 105, Lenoir City; three daughters, Cheryl Ann Cagle, Janet Lee Cagle and Terry Lee Massey; three sisters, Miss Iva M. Cagle, Mrs. Frankie McNew and Mrs. Martha Johnson; and three brothers, Ralph, Fred and James Cagle.

Funeral services were held November 13 at the Sixth Avenue Church of God, Lenoir City.



PADUCAH PLANNER-ESTIMATORS—Planner-estimators at the Paducah Plant show off their newly earned "Certificates of Proficiency" after completion of a Methods Time Measurement training program under the direction of Robert Summers, back row, right. Seated from left are Gary J. Pierce, Jerry L. Smith, Billy W. Hulen, Don H. Korte, Nolan W. Russell, Charles J. Walker, Michael L. Cash and Cloyse W. Parker. Standing are Ed N. Cothran, James R. Harrison, Weldon Stokes, Franklin E. Baggett, Henry M. Morris and Roger C. Emery.

Roger Carlsmith to direct new Energy Conservation Program

The appointment of Roger S. Carlsmith to the newly created position of director of the Energy Conservation Program at ORNL, has been announced by Murray W. Rosenthal, associate director for advanced energy systems.

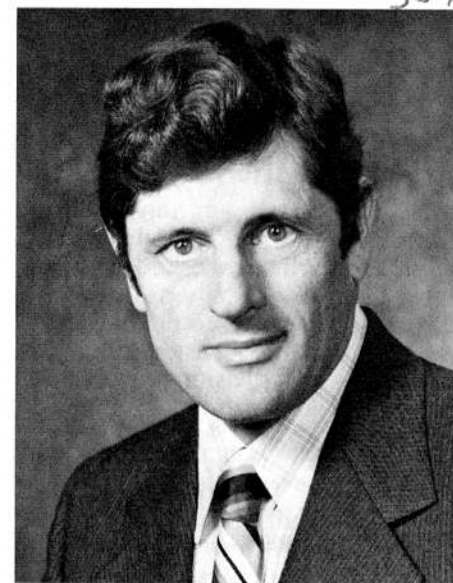
Energy conservation activities have grown steadily during the past five years, along with the national concern for dwindling energy resources. The program, with a budget of about \$20 million, currently consists of a variety of conservation projects carried out in seven divisions.

The program was formalized in 1977 and Merl Baker, former chancellor of the University of Missouri-Rolla, has served as energy conservation coordinator for the past year. Baker will now aid the Energy Division in the various activities through which the Laboratory interacts with institutions and agencies in the South for DOE. He also will aid the University Relations and Technology Utilization programs in broadening their activities.

Carlsmith has been head of the energy conservation section of the Energy Division since it was formed in 1974. He has a bachelor's degree in chemistry from Harvard University and a master's degree in chemical engineering from the Massachusetts Institute of Technology.

He joined Union Carbide at ORGDP in 1950. Five years later, he transferred to ORNL where his assignments included design of advanced nuclear reactors, fuel cycle analysis, economics of energy systems and energy sources.

In 1970, Carlsmith was appointed associate director of the ORNL

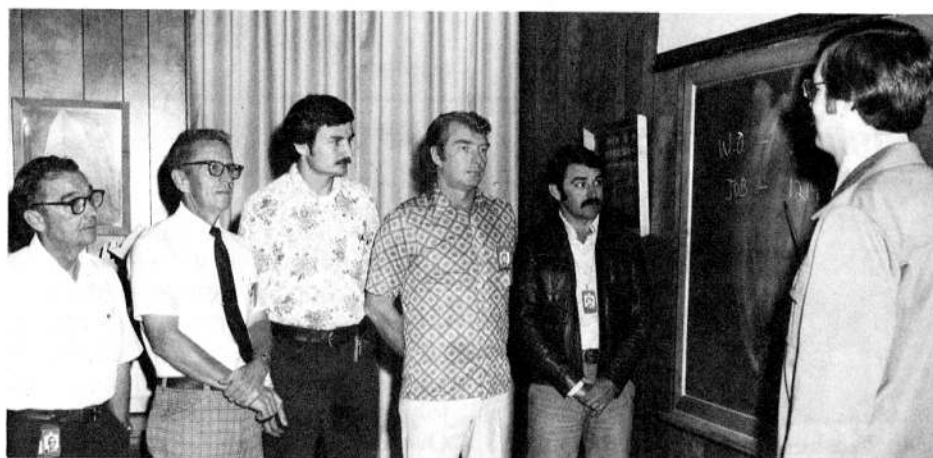


Roger S. Carlsmith

Environmental Program, sponsored by the National Science Foundation. As head of the energy group of this program, he initiated analytical and experimental research which pointed out the large savings in energy and money that could be obtained through conservation.

Carlsmith has been a member of the Governor's Energy Task Force for the state of Tennessee, the Federal Power Commission Task Force for Energy Systems, the National Academy of Sciences Committee on Nuclear and Alternative Energy Systems, and the Energy Advisory Committee for the Oak Ridge school system.

Carlsmith and his wife, Thelma, live in Oak Ridge at 1052 West Outer Drive. They have a daughter, Nancy, and a son, David.



PLANNER-ESTIMATORS—A group of planner-estimators in ORGDP's Maintenance Division recently completed an intensive course of instruction covering a wide range of subjects. They are, from left, Danny Weaver, Charlie Tedder, Clyde Kelly, Jim McClung and Fred Morgansen. Wayne Pope, instructor, from Maintenance Engineering, is at the right.



ANOTHER GROUP—More planner-estimators have completed a course in ORGDP's Maintenance Division. Instructor Dick Holbrook is at the left, followed by Van Colby, Ken Woodard, Dave Schlandt, Barney McNeely and Harvey Bullock.

question box...

If you have questions on company policy, write the editor, **Nuclear Division News** (or telephone your question in, either to the editor, or to your plant contact). Space limitations may require some editing, but pertinent subject matter will not be omitted. Your name will not be used, and you will be given a personal answer if you so desire.

Compensatory time off

QUESTION: I am an exempt employee in Y-12's Maintenance Division and have worked the past eight Saturdays. When asked if compensatory time could be had, I was told that my division does not allow it. Is my division covered by different procedures from the rest of the Plant?

ANSWER: No. The Y-12 Maintenance Division procedures are no different and, in fact, if you have been directed to work eight consecutive Saturdays in addition to your regular schedule, your division superintendent agrees you should be given consideration for some compensatory time off. You should discuss this matter with him.

Government vehicle parking

QUESTION: Is it permissible for an individual to drive a government vehicle to the parking lot inside the Biology Division fence and park it near his private car? If so, why can't any employee drive a government vehicle to any parking area?

ANSWER: If your question implies that the government car is being parked well away from the spaces reserved for government vehicles, it is not permissible. Government vehicles should be parked in the designated parking spaces. There have recently been isolated instances when the parking spaces for government vehicles in the parking lot referred to have been blocked, in which case the vehicles have been parked in the regular parking lot. Steps are being taken to prevent this from occurring in the future.

Out-patient costs

QUESTION: Since the cost of in-hospital care is so very high, would it not be to the advantage of all concerned to change our Blue Cross/Blue Shield plan so that out-patient and day-care services pay the same fraction of the medical costs as in-patient care? This would tend to get patients out of the hospital earlier and eliminate many overnight admissions. As a result, better service would be provided with little or no additional cost to the subscribers.

ANSWER: We are interested in taking any steps possible to reduce hospital and medical costs without detracting from service rendered. Your suggestion will be given consideration.

Radios at work

QUESTION: Why is it that some employees are allowed radios at their work station and others are not? Is this not a violation of Company policy?

ANSWER: We come to our jobs to work, not to listen to the radio. The regulations given in the booklet "You at Union Carbide" apply. Plant Rule 5 states: "You are not permitted unauthorized cameras, radios ... recorders, or transmitters on Company premises." Plant Rule 6 states: "You are not allowed to bring into the plant personal property other than that required in the performance of your work."

There may have been, as you indicate, some violations. In view of this, again we ask employees not to bring radios to work, and urge supervisors to enforce established regulations.

division deaths...



Mr. Washer



Mr. Pendergrass

Bob Washer, a maintenance planning specialist in the Paducah Plant's Maintenance Engineering Department died Saturday, October 28 at the Western Baptist Hospital in Paducah. Washer was a resident of Metropolis, Ill. and a member of the school board unit District No. 1. He joined the plant in 1966 and has served as the plant's blood donor recruitment coordinator since the program started in 1976.

Survivors include his wife, Barbara; two daughters, Heidi and Erika; one son, Paul; his mother, Mrs. Willie Washer; three sisters, Mrs. Anita Buchanan, Mrs. Margaret Boyer, and Mrs. Alice Matievich; three brothers, Jim Washer, Jack Washer and Larry Washer.

Services were held at the Aikins-Farmer Funeral Home in Brookport. Burial was in Massac Memorial Gardens.

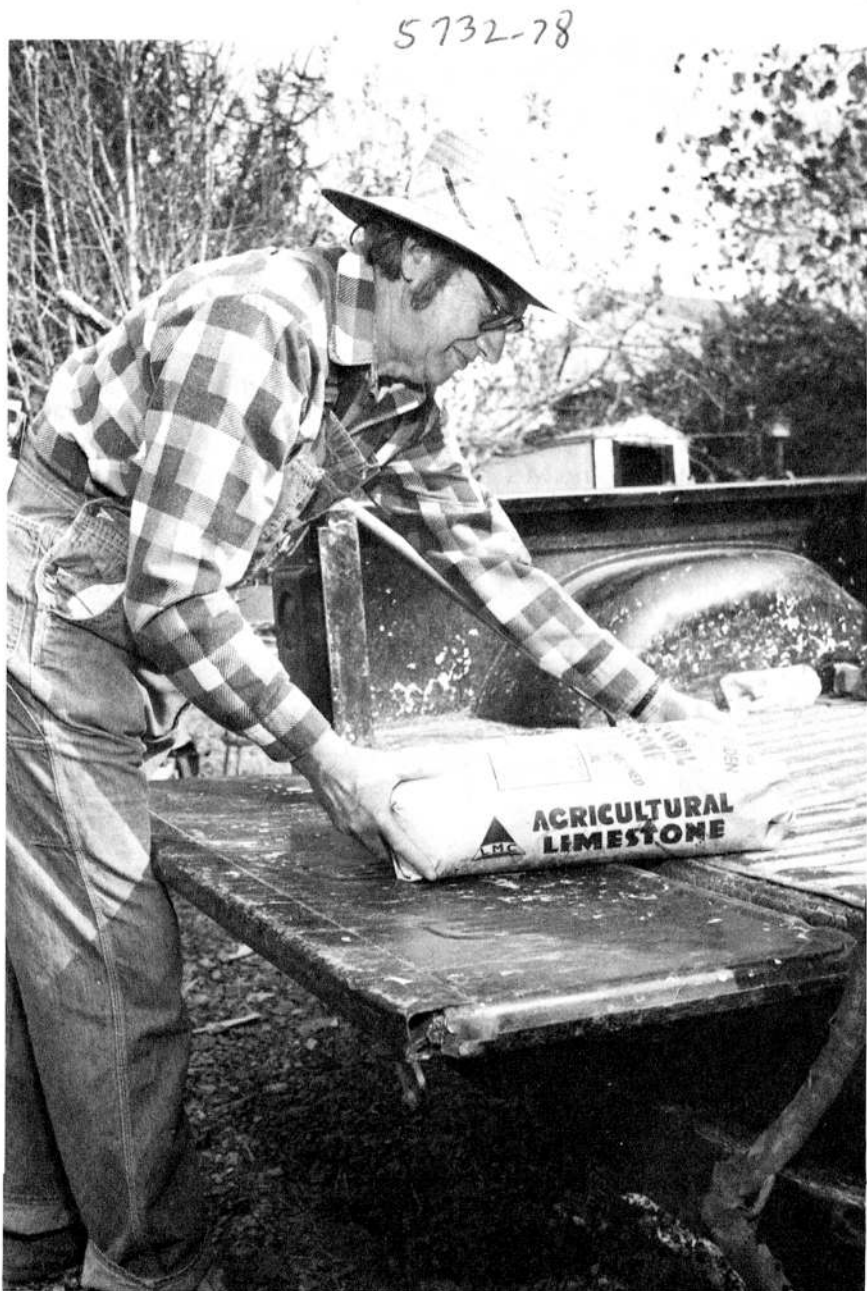
Albert L. Pendergrass, ORGDP Maintenance Division, died November 14 in the Harriman Hospital. A native of this area, he joined Union Carbide in 1944.

Survivors include his wife, Mattie Gallaher Pendergrass, Route 5, Brown Avenue, Harriman; daughters, Rosa Johnson, Faye Ashford, Margaret Overton and Altha, Doris, Elaine, Charlotte, Ethel and Whitney Pendergrass; sons, Alvin, Mark and Hobert; and 15 grandchildren.

Services were held at the Kyker Funeral Home Chapel, with burial in the Harriman Cemetery.

Chemistry night classes

Persons who are interested in taking night classes in chemistry—junior, senior and graduate level—should contact either Karl Haslinger at his home phone in Knoxville 588-7810, or Jim Blue, extension 3-1151, or 483-8272 in Oak Ridge. If enough persons show interest, a chemistry program geared toward evening school students may be established for the winter quarter.



Enjoying Yea

Since ret...
Ernie Griggs...
growing w...
"It's gett...
gardener o...
Griggs ex...
compost. "...
a shredder...
includes g...
ground ba...
He has p...
Griggs also...
turnips and...
rosemary, ...
Griggs, v...
his fellow r...
something

5730-78



g the leisure life. . .

r-round farming

iring from ORNL's Metals and Ceramics Division in January, Oak Ridger
ys spends his time doing year-round farming, which is more than just
nter vegetables.

ing your ground prepared for next year's crops," says Griggs. "A good
oesn't just hang up his tools and wait for spring to arrive."
plains that the ground needs preparation—turning the soil and applying
The compost needs time to decompose before crops are placed." He has
and makes most of his own compost. Other ground preparation
owing a cover crop like clover, rye grass or crimson. "Don't leave the
re, or the soil will erode."

ut out rows for cabbage, peas, potatoes and dug holes for tomatoes.
grows winter vegetables: brussels sprouts, broccoli, winter onions,
d turnip greens. Along with vegetables he grows herbs such as mint,
oregano, thyme, dill and basil.

who started with Tennessee Eastman at Y-12 in 1944, has this message for
etirees: "Stay active. If you have your health, don't just sit around. . .do
"

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division death. . .



Mr. Moore

Ogle Moore, Y-12 Guard Department, died November 16. He had been a security guard at Y-12 for more than 25 years.

Survivors include his wife, Grace Summey Moore; father, John Moore; son, Larry Ray; daughters, Laura Fudge and Linda Moore; brothers, Ray, Omar and Olin; sisters, Loretta Parson, Reba Gosner and Lois Bell; and two granddaughters.

Services were held at the Weatherford Chapel with burial in Anderson Memorial Gardens.

'I'm particularly thankful for. . .'

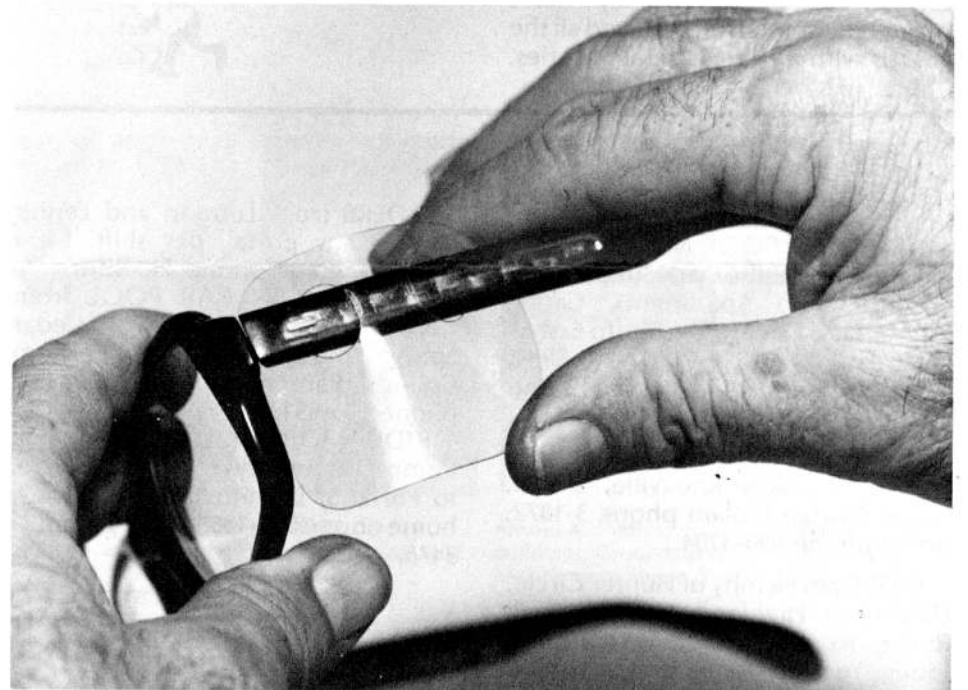
(Continued from page 1)

Margaret Gould of General Accounting at ORGDP is, "Thankful to God for the joy of life and the blessings He has given my family and me." She plans to spend Thanksgiving day with her husband, Ben, who is with the Medical Department at ORGDP, and their children, in Crossville with Ben's family.

Henry Webber, who is in Career Development at ORGDP, is taking a week off to go deer hunting in Bath County, Va., with his father and brother. Webber feels a big dinner is "pretty much out of the picture." Either it will be venison or sandwiches for Thanksgiving day.

Polly Doughty, Y-12 Maintenance Division, "could give a whole list of things I am particularly thankful for, but I'm particularly grateful for my health and my wonderful family—thankful that we are able to share our happiness and our Thanksgiving together." Doughty is hoping her mother can come up from Alabama to share Thanksgiving with her family in the Claxton community.

Chuck Hobbs, Paducah Plant, says "I am especially thankful for being an American citizen living in the United States in 1978. Also—for good health, family, friends, job and (with Christmas approaching) credit!"



SIDE SHIELDS—Light weight plastic side shields will fit snugly to eyeglasses for employees who must wear prescription lenses but need protection from foreign particles as they work. The shields are available at Y-12 and ORGDP in packages of 10 pair at 30 cents a pair.

Two promoted at ORGDP



Solek



Walls

Two promotions have been announced at ORGDP. Jon A. Walls has been named a pilot plant supervisor in the Separations Systems Division, and Elizabeth A. Solek has been named a geologist in the Uranium Resource Evaluation program.

Walls, a native of Terre Haute, Ind.,

joined Union Carbide last year. He and his wife, Su Chu, live at Route 2, Powell.

Solek, obtained a BA degree in geology from Rutgers University. The Montclair, N.J., native, who came to ORGDP earlier this year, lives at 302 Morgan Street, Harriman.

78-4496

78-4498

recreationotes . . .

ORGDP plans plant-wide dance for holidays at Civic Center

Preparations are continuing for the annual ORGDP employees' Christmas dance which is scheduled for the Oak Ridge Civic Center on December 9.

"The Night Before Christmas" is the theme for this year's plant-wide dance which is being sponsored by the Technical Services Division at ORGDP. Tickets for the affair cost \$7

per person and can be obtained by calling Jack Gresham, 3-3139 or your divisional ticket representative.

A social hour with hors d'oeuvres will be held between 7:30 p.m. and 9 p.m. and will be followed by dancing until 1 a.m. Bob Stewart and his band, "Southern Storm," will provide the music.

Carbide bowling. . .

UCC Mixed League. . .

The Go Getters are leading by two points over the Roll-Aids in the UCC Mixed League at Tri-County. Bonnie Cooper rolled a 233/581 scratch series for the high score.

UCC Monday Mixed. . .

The Roadrunners continue to hold on to first place by building up a four-game lead over the second place Alley Cats. High handicap scores so far go to Charles Brawner for 247/639 and Tammie Bell for 233 and Cherylan Hannahs for 581.



K-25 Tuesday League. . .

The Team continue to lead over the City Slickers in the Tuesday Men's League. R. K. Johnson received all the awards with a 233/644 scratch series.

wanted . . .

ORNL

FIFTH CAR POOL MEMBER from the vicinity of Landmark Subdivision, Country Club Apartments, Canby Hills or Gulf Park, Knoxville, to East or West Portal, 8:15-4:45. J. W. Sims, plant extension 3-1486, home phone 693-8829.

JOIN CAR POOL from Walker Springs Road in Knoxville, 8-4:30. Susan Rowland, plant phone 3-1872, home phone 690-3204.

RIDE from vicinity of Hunter Circle, Hillside or Highland Avenues, Oak Ridge, to any portal, 8-4:30. Kun Joong Yoo or Tom Hamrick, plant phone 3-1188.

CAR POOL MEMBERS from Lovell Heights area, Concord, to North or West Portal, 8-4:30. Jerry Dixon, plant phone 3-1108, home phone 966-1232.

ONE or TWO CAR POOL MEMBERS from Powell vicinity of Irwin Road and Beaver Creek Drive to East Portal, 8-4:30. Eugene Lamb, plant phone 3-6483, home phone 947-6037.

Y-12

JOIN CAR POOL from Cumberland Estates shopping center to Bear Creek Portal, 7:30-4 shift. Betty Queen, plant phone 3-7988, home phone Knoxville 584-4213.

RIDE from Elmwood Drive, Smithwood section, Knoxville, to East Portal, straight days. Georgia Bower, plant phone 3-5968, home phone Knoxville 687-8014.

ORGDP

RIDE from Bearden area of West Knoxville, to Portal 2, straight days. Sarah "Neal" Horne, plant phone 3-3800, home phone 584-0889.

RIDERS from Loudon and Lenoir City to any portal, day shift. Larry Clowers, home phone 458-5216.

RIDE or JOIN CAR POOL from Concord (Terra Verde) or Cedar Springs to any portal, day shift. Tom Collins, plant phone 3-3796, home phone 966-6513.

RIDE or JOIN CAR POOL from Ball Camp Community in West Knoxville, to Portal 5, D shift. Jack McKinney, home phone 690-1888, plant phone 3-3476.


Paducah fishing. . .

Winners in the Paducah Plant's annual fishing contest were as follows: Bass: J.D. Turner, C.V. Allen, Ronnie Gentry; Crappie: R.L. Holladay, J.D. Turner, Donna Shelton; Bream: Tim Sheppard, J.E. Sheppard, H.J. Pottinger; Rough Fish: Ronnie Gentry, Charles Allen, Robert Land; Catfish: Clara Smith, D.C. Stafford, E.M. Steinbeck; and Other Game Fish: Ronnie Gentry; Charles Allen, and Robert Lane.

Math and Statistics plans open house

The Mathematics and Statistics Research Department, Computer Sciences Division, is having its second annual "open house" on Wednesday, December 6, in the headquarters building, 9704-1. The open house will feature poster displays depicting the many consulting and research activities in which the department is engaged.


Hours are from 8:30 a.m. to 4:30 p.m. All Nuclear Division employees are invited.



Application for Tickets

to

Christmas Parties



FOR CHILDREN OF OAK RIDGE UNION CARBIDE EMPLOYEES
(AGES 2-10 ONLY)

FRIDAY, DECEMBER 22

Plant _____
Employee's Name _____
Home Address _____ City _____ Zip _____
Plant Address _____ Mail Stop _____
Number of Tickets (Children) _____
Number of Tickets (Adults) _____

—CHECK TIME PREFERRED—

Friday, December 22
Only

10 A.M. _____ 1 P.M. _____ 3 P.M. _____ 5 P.M. _____

Please mark first and second choice (write in space "1" or "2") as only a limited number of tickets will be issued for each party. Preference will be given to early applicants and if tickets for first choice are exhausted, tickets for second choice will be issued.

Return this form, properly and completely filled out, to the Carbide Recreation Office, Building 9711-5, Mail Stop 1, Y-12 Plant. Please apply for tickets before December 15.



APPLICATION FOR TICKETS

PADUCAH

CARBIDE CHILDREN'S CHRISTMAS PARTY

(For Children Ages 2-10)

SATURDAY DECEMBER 9, 9 A.M.

(Doors will open at 8:30 a.m.)

ARCADE THEATRE, PADUCAH, KY.

Employee's Name _____ Badge No. _____

Home Address _____

(Please Print Street Address or RFD, City and Zip Code)

Number of your children who will attend the party (please list):

(BOYS)

(GIRLS)

Name _____ Age _____ Name _____ Age _____

Name _____ Age _____ Name _____ Age _____

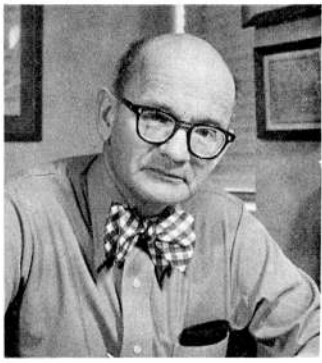
Name _____ Age _____ Name _____ Age _____

NOTE: Fill out form completely and return immediately to the Recreation Office, Union Carbide Corporation, P.O. Box 1410, Paducah, Ky. 42001. Tickets will be mailed to home address.

safety scoreboard

Time worked without a lost-time accident through November 16:

Paducah	97 Days	1,235,000 Employee-Hours
ORGDP	224 Days	7,355,498 Employee-Hours
Y-12 Plant	218 Days	7,025,000 Employee Hours
ORNL	28 Days	954,258 Employee-Hours



Mediterranean Fever

by T. A. Lincoln, M.D.

QUESTION: Recently, after exhaustive tests, my husband was told he apparently had Mediterranean Fever, and nothing else could be found to account for his recurring bouts of fever, aches, anemia and exhaustion. These bouts have been recurring two to three times per year since 1945, when he was hospitalized for approximately two months with the same symptoms after he had received shots for bubonic plague while in the Air Force. Could there be a connection between these shots and his current symptoms?

ANSWER: Mediterranean Fever is better known by its other names; undulant fever or brucellosis. It is an infectious disease which unfortunately occasionally becomes chronic and may last for years. These repeated waves or "undulations" of fever, weakness, sweats and vague aches and pains usually last one to five weeks with intervening remissions which may last months or years.

The infection is due to bacteria of the genus *Brucella* which infects animals. *B. abortus* causes abortions

in cattle. *B. suis* occurs in hogs and *B. melitensis* occurs in sheep and goats. Human infections occur primarily in farmers, meat-packers and veterinarians as the result of direct contact with infected secretions and excretions of animals. It can also occur as the result of drinking unpasteurized milk or milk products from infected cattle.

Because of vigorous animal control programs, brucellosis is rare in the USA at the present time. Only about 230 cases per year are reported to the Center for Disease Control in Atlanta. Most of the cases which now occur are the result of exposures while traveling abroad.

Brucellosis is difficult to diagnose with certainty. If the bacteria can be cultured from the blood, cerebrospinal fluid, urine or bone marrow, the diagnosis is certain.

(Editor's Note: Dr. Lincoln alternates his regular column with "The Medicine Chest," where he answers questions from employees concerning health in general. Questions are handled in strict confidence, as they are handled in our Question Box. Just address your question to "Medicine Chest," NUCLEAR DIVISION NEWS, Building 9704-2, Stop 21, Y-12, or call the news editor in your plant, and give him or her your question on the telephone.)

Unfortunately these tests are often not positive. Special blood (agglutination) tests are available but are difficult to interpret. Frequently, the diagnosis is finally arrived at by elimination of the many other potential causes of intermittent fever and by an evaluation of the history and clinical findings.

Treatment of brucellosis is difficult. Tetracycline is helpful but has to be taken a long time. Streptomycin can be used in severe cases, but because of its toxicity to the ears, sometimes producing deafness, it should not be used unless the diagnosis is certain. Rifampin, an antibiotic used against tuberculosis has been used in a few cases.

I do not see how there could be any relation between the immunization against bubonic plague and your husband's intermittent bouts of fever.

retirements. . .

(Editor's Note: A host of Nuclear Division employees are planning retirement the end of December. They have been combined in this issue with November's retirees.)



Hubert S. Amos
ORDGP Maintenance
33 years service



Stanley R. Ashton
ORNL, Engineering
Technology
26 years service



Paul F. Brownlow
Y-12 Stores
34 years service



George F. Campbell Jr.
ORDGP Maintenance
34 years service



Thomas R. Cantrell
Shift Superintendent
ORDGP
34 years service



Curtis H. Conley
Plant and Equipment
ORNL
4 years service



Arnold K. Craft
Buildings, Grounds and
Maintenance Shops, Y-12
22 years service



Raycliffe C. Davis
Fusion Energy
ORNL
32 years service



Virginia T. Donahoe
ORDGP Maintenance
34 years service



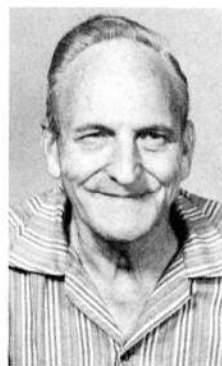
Morris Dupee
Y-12 General Shops
23 years service



Albert V. Faloan
Separations Systems
ORDGP
32 years service



Luther A. Walton
Buildings, Grounds and
Maintenance Shops, Y-12
31 years service



Clarence N. Grady
ORDGP Operations
33 years service



Joe H. Hackney
Buildings, Grounds and
Maintenance Shops, Y-12
34 years service



Clarence E. Jarnagin
Y-12 Materials Delivery
28 years service



Shipley Johnson
ORDGP Operations
26 years service



Sylvester J. Jones
ORDGP Maintenance
30 years service



Effie L. King
Technical Services
ORDGP
34 years service



Charles F. Klein
Y-12 Mechanical
Inspection
25 years service



Claude H. Manis
Buildings, Grounds and
Maintenance Shops, Y-12
20 years service



Rodger V. Neidign
Fusion Energy
ORNL
28 years service



Edna E. Pickens
Radiation Safety
Y-12
28 years service



Rudolph H. Pletz
Radiation Safety
Y-12
31 years service



Joseph Pryson
Dimensional Inspection
Y-12
27 years service

New telephone system features touch dialing, other advantages

(Editor's Note: In the last issue of the Nuclear Division News, we discussed the ancient Manhattan Project telephone system in the Oak Ridge plants and detailed the necessity in replacing old trunk lines and a refurbishing of the entire system. Following are some of the features of the new system.)

How is the new system different? First, all phones will have touch-tone dialing replacing all the present rotary dials. Calling will be quicker and you can be reached directly by an outside caller without going through an operator. The caller will simply dial your seven-digit number. (You might advise your family of the new telephone number which becomes effective December 30 at 12 midnight. The new number will be on the instrument South Central Bell has already installed on your desk, near the old set.)

Among the basic features in the new system is call transferral to aid someone who dials the wrong number. You will be able to transfer this call to the correct party. You may also put a caller on hold to check for an answer then come back to him/her when the information is obtained. Three-way calls will also be available.

New features

There will be an emergency number "911" for dialing for guards, ambulances or fire assistance.

New telephone directories will be distributed around December 15.

An information number will be provided (574-1000) when the individual number within one of the plants is not known.

Calls within the DOE complex will only require the last five digits of a number.

Other features include a call forwarding possibility, where calls are transferred to other numbers during one's absence from the office.

Demonstrations held

Special films and meetings throughout the Oak Ridge area give instructions on these new features. Counselors have been trained in the new techniques and are demonstrating these special features in these meetings.

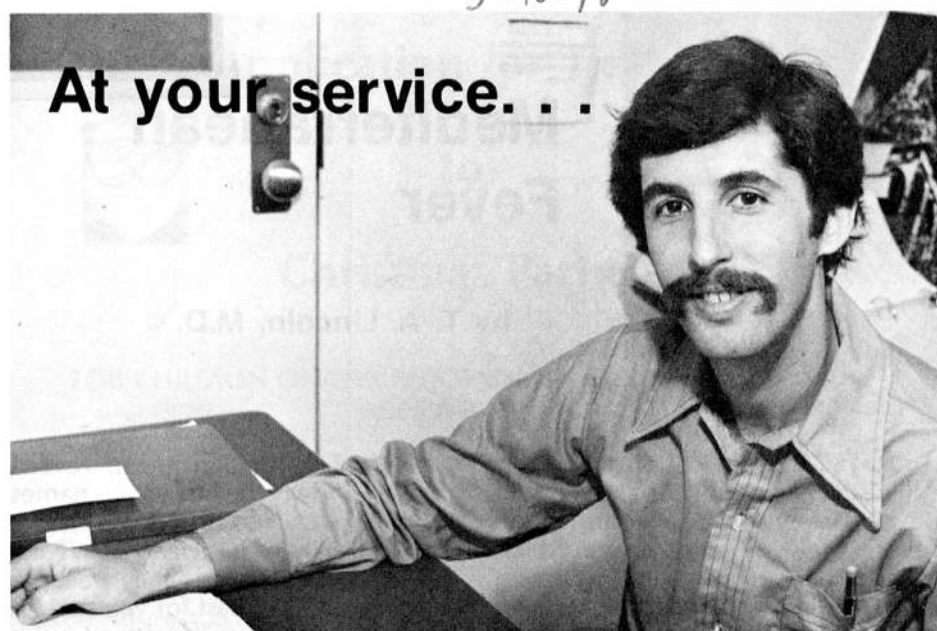
More than 100,000 post cards have been printed and will be distributed to various offices where employees will be able to insert commercial and "FTS" numbers to forward to those outside who are frequent callers.

South Central Bell has installed most of the new telephones and has asked that they not be removed from their hooks or tampered with until the switchover occurs. The old phones will "die" when the new system begins, naturally. Bell estimates that about three months will be required to remove the old instruments.

Accountability

Another feature of the new system will include computerized printouts of calls made outside Oak Ridge and the number from which they are dialed so departments may identify the calls and budget accurately. Individuals will be responsible for personal toll costs.

Called the Electronic Switching System, the new program offers quicker, more efficient calls. It may take a while to get adjusted to some of the features, but as we do, we are likely to ask, "How did we ever manage under the old system?"



AT YOUR SERVICE. . . Stephen R. Blum, computer application specialist at ORNL, is the vice president of education for the Mental Health Association. . .Five County Region.

As much as 15 percent of the public, or one out of every seven persons in the United States, needs mental health care. In the Oak Ridge area, mental illness is being confronted by a group of volunteers from five surrounding counties.

The Mental Health Association/Five County Region, a branch of the National Mental Health Association, is composed of over 300 members representing Anderson, Campbell, Monroe, Scott and Roane counties.

Stephen R. Blum, a computer applications specialist in ORNL's Computer Sciences Division, is the vice president of education for the organization. He said one important aspect of the mental health program is learning to work with people with crises.

For information about the Mental Health Association or specific programs, please contact: Steve Blum, Mental Health Association-Five County Region, P.O. Box 169, Oak Ridge, Tennessee 37830.

Two promoted at Laboratory



Allen



Odom

Charles G. Allen and James M. Odom Jr. have been promoted to maintenance supervisors at ORNL.

Allen, formerly a senior engineering assistant, works in the Instrumentation and Controls Division. He has been with the Nuclear Division since 1975 when he began work as an instrument technician.

Before coming to Union Carbide, Allen completed a 21-year career with the United States Air Force. He and his wife, Phyllis, live at 1601 Wales

Avenue, Maryville, with their four children: Diane, Terry, Teresa and Charles Jr.

Odom, a member of the Plant and Equipment Division, worked with American Industrial Transit before joining Union Carbide in 1952 as an ORGDP maintenance mechanic. He also has worked as a millwright at ORNL.

Odom and his wife, Mary, have a daughter, Cindy, and live at 824 Alma Lane, Kingston.

EFFECTIVE

DECEMBER 30, 1978 AT 1:00 A.M.

for faster telephone service
you may reach me by
calling direct at



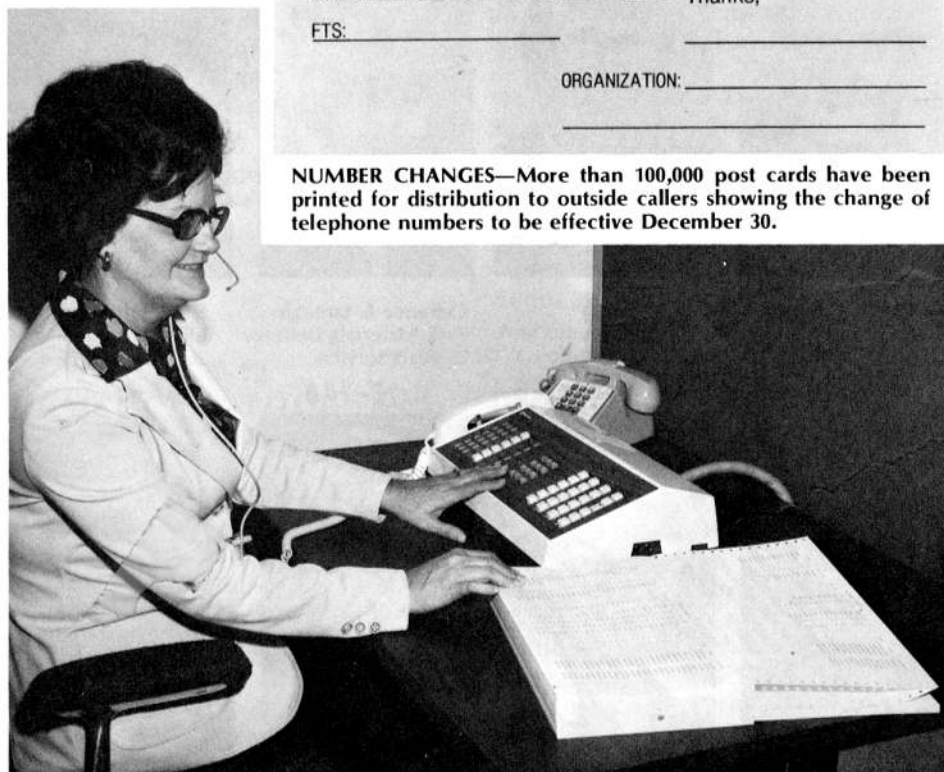
COMMERCIAL: 615 —

Thanks,

FTS: _____

ORGANIZATION: _____

NUMBER CHANGES—More than 100,000 post cards have been printed for distribution to outside callers showing the change of telephone numbers to be effective December 30.



ON WITH THE NEW—Dorothy Wheeler is seen at one of the new consoles that will be used by switchboard operators at the Federal Building in lieu of the out-dated equipment. The new Electronic Switching System will go into effect at midnight, December 30, revolutionizing our telephone systems.



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